

## Customer No. 26874 PATENT TRADEMARK OFFICE

			SCLOSURE APPLICANT	Complete if Known				
• • • • • • • • • • • • • • • • • • • •			2.0/	Application No.			10-811,788	
				Filing Date			March 29, 788	
(U	se as n	any sheets as	s necessary)	First Named Inv	entor		Michael E. Rivir	
				Art Unit				
				Examiner Name	Examiner Name			
Sheet		1 of	11	Attorney Docke	t No.		4499 (C2)	_
			U.S	S. PATENT DOCU	MENTS			
Examiner initials	Cite No.		MENT NUMBER ind code <sup>2</sup> (if known)	Publication Date	Name of Patente		Pages, Columns, Lines, W Relevant Passages or Rele Figures Appear	
AST	140.		92,201	09-1937	Boesger	, comen	r igures repear	
<del>- 621-</del>			35,324	03-1941	Moreland			
<del> </del>			46,497	06-1941	Beck			
			54,448	09-1941	Pursel			
			21,753	06-1947	Joyce			
			40,629	06-1953	Thomson et al.			
,			01,853	08-1963	Long			
BT			10,983	11-1968	Moore			
			FORE	IGN PATENT DO	CUMENTS	•		
Examiner initials	Cite No.	Foreign	Patent Document		Name of Patentee or		Pages, Columns, Lines,	
'''uais	140.	Country Code (if known)	<sup>3</sup> -Number <sup>4</sup> -Kind code <sup>5</sup>	Publication Date MM-DD-YYYY	Applicant of Cite Document	d	Where Relevant Passages or Relevant Figures Appear	7⁵
85.T		FR 547153		12-02-1922				
		DE 609842	·	01-1935				
		FR 106019		03-1954				
		DE 344564		06-1986				
ا		EP 194121		09-1986				
B37		WO 86/008	8	02-1986	L			
		. OT	HER PRIOR ART -	NON PATENT LI	TERATURE DOC	UMENT	`\$	
Examiner initials	Cite No.	Include na magaz	ame of the author (in CA ine, journal, serial, symp	osium, catalog, etc.), d	of the article (when appate, page(s), volume-is there published	propriate) sue numi	, title of the item (book, ber(s), publisher, city and-or	7°

EXAMINER SIGNATURE

DATE CONSIDERED 2/17/05

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>&</sup>lt;sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at <a href="www.uspto.gov">www.uspto.gov</a> or MPEP 901.04. <sup>3</sup> Enter office that issued the document, by the two-letter code (WIPO Standard ST. 3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

			CLOSURE	Complet	te if Known
				Application No.	10/811,788
luco	as many she	oto oo	nocononal	Filing Date	March 29, 2004
(use	as many sne	CIS as	necessary)	First Named Inventor	Michael E. Rivir
				Art Unit	·
				Examiner Name	
Sheet	2	Of	11	Attorney Docket No.	4499 (C2)

DOCUMENT NUMBER Imber-Kind code <sup>2</sup> (if known) 3,130,879 3,137,101 3,151,784	Publication Date MM-DD-YYYY 04-1964 06-1964	Name of Patentee or Applicant of Cited Document Messing Leliaert	Pages, Columns, Lines, W Relevant Passages or Rele Figures Appear	
3,130,879 3,137,101 3,151,784	04-1964 06-1964	Messing		
3,137,101 3,151,784		<del></del>		
3,151,784	10 1001	Lendert		
	10-1964	Tailor		
3,160,993	12-1964	McCormick		
3,219,393	11-1965	Starrett		
3,245,590	04-1966	Hawkins		
3,257,040	06-1966	Dumbaugh et al.		
3,272,396	09-1966	Neville		
FORE	IGN PATENT DO	CUMENTS	<del></del>	
Foreign Patent Document  ry Code <sup>3</sup> -Number <sup>4</sup> -Kind code <sup>5</sup> wn)	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>©</sup>
68449	05-1988	Bodament	Of Meiovaint Figures / Operar	Ė
90/0139	02-1990			
86311	07-30-1997			
35329	02-2001			
OTHER PRIOR ART -	NON PATENT LI	TERATURE DOCUMEN	TS	
clude name of the author (in CAI magazine, journal, serial, symp	osium, catalog, etc.), d	late, page(s), volume-issue nun	e), title of the item (book, nber(s), publisher, city and-or	T <sup>4</sup>
ıcı	ude name of the author (in CAI	ude name of the author (in CAPITAL LETTERS), title nagazine, journal, serial, symposium, catalog, etc.), d	ude name of the author (in CAPITAL LETTERS), title of the article (when appropriate	OTHER PRIOR ART — NON PATENT LITERATURE DOCUMENTS  ude name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and-or country where published

DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in

<sup>&</sup>lt;sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at <a href="www.uspto.gov">www.uspto.gov</a> or MPEP 901.04. <sup>3</sup> Enter office that issued the document, by the two-letter code (WIPO Standard ST. 3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

			CLOSURE	Complet	te if Known
				Application No.	10/811,788
lusas	as many she	ate ae i	accessor)	Filing Date	March 29, 2004
(030 6	as many sne		iocessary)	First Named Inventor	Michael E. Rivir
				Art Unit	
	·			Examiner Name	
Sheet	3	of	11	Attorney Docket No.	4499 (C2)

		U.S	S. PATENT DOCU	MENTS						
Examiner Cite initials No.		DOCUMENT NUMBER  Number-Kind code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, W Relevant Passages or Rele Figures Appear	/here evan				
037		US- 3,324,605	06-1967	Lester						
1		US- 3,407,972	10-1968	Cymbalisty						
		US- 3,422,580	01-01-1969	Balz						
		US- 3,485,074	12-1969	Compton						
		US- 3,556.355	01-1971	Ruiz						
		US- 3,633,797	01-1972	Graff						
		US- 3,676,963	07-1972	Rice et al.						
037		US- 3,700,850	10-1972	Lumley et al.						
		FORE	IGN PATENT DO	CUMENTS						
Examiner Cite No.	Cite No.	Foreign Patent Document		Name of Patentee or	Pages, Columns, Lines,					
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY	Applicant of Cited Document	Where Relevant Passages or Relevant Figures Appear	7				
		OTHER PRIOR ART -	NON PATENT LI	TERATURE DOCUMENT	rs					
Examiner initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and-or country where published								
	<del></del>			1						

DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at <a href="www.uspto.gov">www.uspto.gov</a> or MPEP 901.04. <sup>3</sup> Enter office that issued the document, by the two-letter code (WIPO Standard ST. 3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

Substitute for	or Form PTO	1449			
			CLOSURE PPLICANT	Complet	te if Known
				Application No.	10/811,788
lusa	as many she	ate ae	necessary)	Filing Date	March 29, 2004
(030)	as many snot	013 43	nocessary)	First Named Inventor	Michael E. Rivir
				Art Unit	
				Examiner Name	
Sheet	4	oī	11	Attorney Docket No.	4499 (C2)

		U	S. PATENT DOCU	MENTS		
Examiner Cite No.		DOCUMENT NUMBER  Number-Kind code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, W Relevant Passages or Rele Figures Appear	
B3.7		US- 3,702,513	11-1972	Rice et al.		
		US- 3,768,210	10-1993	Johnson et al.		
		US- 3,986,391	10-1976	Vahaviolos		
		US- 4,031,032	06-1977	Jablecki		
		US- 4,038,786	08-1977	Fong		
		US- 4,058,986	11-1977	Granholm		
		US- 4,067,150	01-1978	Merrigan		
137	_	US- 4,075,579	02-1978	Hunger, Jr. et al.		
		FOR	EIGN PATENT DO	CUMENTS		
Examiner initials	Cite No.	Foreign Patent Document  Country Code <sup>3</sup> -Number <sup>4</sup> -Kind code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>c</sup>
	<u> </u>	OTHER PRIOR ART	- NON PATENT LI	TERATURE DOCUMENT	 TS	
Examiner initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, country where published				

DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>&</sup>lt;sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at <a href="https://www.uspto.gov">www.uspto.gov</a> or MPEP 901.04. <sup>3</sup> Enter office that issued the document, by the two-letter code (WIPO Standard ST. 3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

Substitute	or Form PTO	O 1449			
INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Complet	e if Known
				Application No.	10/811,788
luca	as many sh	oote se n	ecessan)	Filing Date	March 29, 2004
(036	as many sm	ecis as ii	ecessary)	First Named Inventor	Michael E. Rivir
				Art Unit	
				Examiner Name	
Sheet	5	of	ii	Attorney Docket No.	4499 (C2)

		U.S	S. PATENT DOCU	MENTS						
Examiner initials	Cite No.	DOCUMENT NUMBER  Number-Kind code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, W Relevant Passages or Rel Figures Appear					
BIT		US- 4,094,448	06-1978	Haseler et al.						
		US- 4,180,188	12-1979	Aonuma et al.						
		US- 4,249,956	02-1981	Hartman						
		US- 4,372,338	02-1983	Eferson						
		US- 4,389,820	06-1983	Fong et al.		_				
		US- 4,398,961	08-1983	Mason						
		US- 4,419,562	12-1983	Jon et al.						
1857		US- 4,450,568	05-1984	Asmus						
	_	FORE	IGN PATENT DO	CUMENTS						
Examiner initials	Cite No.	Foreign Patent Document  Country Code <sup>3</sup> -Number <sup>4</sup> -Kind code <sup>5</sup> (if known)	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>				
		OTHER PRIOR ART -	NON PATENT LI	TERATURE DOCUMEN	rs					
Examiner initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published								
			•							

DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in

<sup>&</sup>lt;sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at <a href="www.uspto.gov">www.uspto.gov</a> or MPEP 901.04. <sup>3</sup> Enter office that issued the document, by the two-letter code (WIPO Standard ST. 3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

Substitute for	or Form PTO	1449			
INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Complet	e if Known
				Application No.	10/811,788
luca	as many she	ate ac	necessary	Filing Date	March 29, 2004
(030	as many sno	ow as	necessary)	First Named Inventor	Michael E. Rivir
				Art Unit	
	·			Examiner Name	
Sheet	6	of	11	Attorney Docket No.	4499 (C2)

		U.S	S. PATENT DOCU	MENTS	<del></del>				
Examiner initials	Cite No.	DOCUMENT NUMBER  Number-Kind code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, W Relevant Passages or Rele Figures Appear				
BT		US- 4,491,484	01-1985	Williams					
		US- 4,491,562	12-1983	Jon et al					
		US- 4,504,727	03-1985	Melcher et al.					
		US- 4,536,121	08-1985	Stewart et al.					
		US- 4,543,486	09-1985	Rose					
		US- 4,588,885	05-1986	Lovoi et al.					
,		US- 4,617,064	10-1986	Moore					
1837		US- 4,627,197	12-1986	Klee et al.					
		FORE	IGN PATENT DO	CUMENTS					
Examiner initials	Cite No.	Foreign Patent Document  Country Code <sup>3</sup> -Number <sup>4</sup> -Kind code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>4</sup>			
					•				
		OTHER RRIOR ART	NON DATENT L	TERATURE DOCUMEN	TS				
Examiner initials	Cite No.								
##Udi5	140.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published							

DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>&</sup>lt;sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at <a href="https://www.uspto.gov">www.uspto.gov</a> or MPEP 901.04. <sup>3</sup> Enter office that issued the document, by the two-letter code (WIPO Standard ST. 3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

Substitute for	or Form PTO	1449			
INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Complet	te if Known
				Application No.	10/811,788
luse	as many shed	ete se	necessari	Filing Date	March 29, 2004
(000)	ao many ono	JIG 43	necessary)	First Named Inventor	Michael E. Rivir
				Art Unit	
				Examiner Name	
Sheet	7	of	11	Attorney Docket No.	4499 (C2)

		<u></u>	S. PATENT DOCU	MENIS	1 0 0-1 11			
Examiner	Cite	DOCUMENT NUMBER	Publication Date	Name of Patentee or	Pages, Columns, Lines, W Relevant Passages or Rel			
initials No.		Number-Kind code <sup>2</sup> (if known) US- 4.631,250	MM-DD-YYYY	Applicant of Cited Document	Figures Appear			
<i>D3 (</i>			12-1986	Hayashi	<del></del>			
		US- 4,655,847	04-1987	Ichinoseki				
		US- 4,682,594	07-1987	Mok	<del>-</del>			
		US- 4,693,759	09-1987	Schlick				
		US- 4,707,951	11-1987	Gibot				
		US- 4,718,974	01-1988	Minaee				
بالم		US- 4,731,125	03-1988	Carr				
032		US- 4,737,628	04-1988	Lovoi	J:			
		FORE	IGN PATENT DO	CUMENTS	•			
	Cite	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines,			
	No.	Country Code <sup>3</sup> -Number <sup>4</sup> -Kind code <sup>5</sup> (if known)			Where Relevant Passages			
		1						
					. ,			
		OTHER PRIOR ART -	- NON PATENT LI	TERATURE DOCUMEN	TS			
xaminer initials	Cite No.	Include name of the author (in CA	PITAL LETTERS), title	of the article (when appropriate	e), title of the item (book,			
		magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published						

DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>&</sup>lt;sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at <a href="https://www.uspto.gov">www.uspto.gov</a> or MPEP 901.04. <sup>3</sup> Enter office that issued the document, by the two-letter code (WIPO Standard ST. 3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

Substitute	for Form PT	1449	•		,	
			CLOSURE PPLICANT	Complete if Known		
	(use as many sheets as necessary)			Application No.	10/811,788	
luco				Filing Date	March 29, 2004	
(030				First Named Inventor	Michael E. Rivir	
				Art Unit		
	<u>,                                      </u>			Examiner Name		
Sheet	ŝ	of	.11	Attorney Docket No.	4499 (C2)	

		S. PATENT DOCU	IIILITIO					
Cite	DOCUMENT NUMBER  Number-Kind code <sup>2</sup> (if known)	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, W Relevant Passages or Rele				
110.		<del></del>	Moore et al.					
			Woodraffe					
		02-1989	Werth et al.					
		06-1989	Reinhart					
		07-1989	Riordan et al.					
		07-1989	Crane					
	US- 4,867,796	09-1989	Asmus et al.					
	US- 4,871,559	10-1989	Dunn et al.					
	FORE	IGN PATENT DO	CUMENTS					
Cite No.	Foreign Patent Document  Country Code <sup>3</sup> -Number <sup>4</sup> -Kind code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear				
· · · ·	OTHER PRIOR ART -	NON PATENT I I	TERATURE DOCUMENT	TS	L			
Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published							
	Cite No.	Number-Kind code² (if known)	Number-Kind code <sup>2</sup> (if known)	Number-Kind code <sup>2</sup> (if known)	DUCUMENT NOMBER   Publication Date   Name of Patentee or   Applicant of Cited Document   Figures Appear			

DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in

<sup>&</sup>lt;sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at <a href="www.uspto.gov">www.uspto.gov</a> or MPEP 901.04. <sup>3</sup> Enter office that issued the document, by the two-letter code (WIPO Standard ST. 3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>8</sup> Applicant is to place a check mark here if English language Translation is attached.

Substitute for	or Form PTO	1449			
				Complet	te if Known
_				Application No.	10/811,788
/4150	INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)	necessari	Filing Date	March 29, 2004	
(036		necessary)	First Named Inventor	Michael E. Rivir	
				Art Unit	
				Examiner Name	
Sheet	9	of	11	Attorney Docket No.	4499 (C2)

		U.s	S. PATENT DOCU	MENTS	T =				
Examiner Cite initials No.		DOCUMENT NUMBER  Number-Kind code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, W Relevant Passages or Rele Figures Appear				
BIT		US- 4,910,942	03-1990	Dunn et al.					
		US- 4,947,592	08-1990	Lloyd, et al.					
		US- 4,975,918	12-1990	Morton					
		US- 4,994,639	2-1991	Dickinson et al.					
		US- 5,013,366	05-1991	Jackson et al.					
		US- 5,018,667	05-1991	Lloyd					
$\neg$		US- 5,024,968	06-1991	Engelsbert					
137		US- 5,034,235	07-1991	Dunn et al					
		FORE	IGN PATENT DO	CUMENTS					
Examiner initials	Cite No.	Foreign Patent Document  Country Code <sup>3</sup> -Number <sup>4</sup> -Kind code <sup>5</sup> (if known)	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear				
		OTHER PRIOR ART -	NON PATENT LI	TERATURE DOCUMENT	S				
Examiner initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published							
					·				
					·				

DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in

<sup>&</sup>lt;sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at <a href="www.uspto.gov">www.uspto.gov</a> or MPEP 901.04. <sup>3</sup> Enter office that issued the document, by the two-letter code (WIPO Standard ST. 3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

Substitute f	or Form PTC	1449			
			CLOSURE PPLICANT	Complet	te if Known
				Application No.	10/811,788
lusa	(use as many sheets as necessary)	necessari	Filing Date	March 29, 2004	
(036		necessary)	First Named Inventor	Michael E. Rivir	
				Art Unit	
				Examiner Name	
Sheet	1Û	of	11	Attorney Docket No.	4499 (C2)

Cite No.	DOCUMENT NUMBER  Number-Kind code <sup>2</sup> (if known)	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, W Relevant Passages or Rel Figures Appear	
	<del></del>	09-1991	Olevitch		
	US- 5,050,805	09-1991	Lloyd et al.	•	
	US- 5,062,898	11-1991	McDermott et al.		
	US- 5,063,015	11-1991	Lloyd et al.		
	US- 5,065,630	11-1991	Hadcock et al.		
•	US- 5,245,798	09-21-1993	Carpenter		
	US- 5,328,517	07-1994	Cates et al.		
	FORE	IGN PATENT DO	CUMENTS		
Cite No.	Foreign Patent Document  Country Code <sup>3</sup> -Number <sup>4</sup> -Kind code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	т'
	OTHER PRIOR ART -	NON PATENT LI	TERATURE DOCUMEN	TS	
Cite No.	Include name of the author (in CAF	PITAL LETTERS), title osium, catalog, etc.), o	of the article (when appropriate late, page(s), volume-issue num	e), title of the item (book,	Τ <sup>¢</sup>
	Cite No.	No. Number-Kind code <sup>2</sup> (if known)  US- 5,044,129  US- 5,050,805  US- 5,062,898  US- 5,063,015  US- 5,065,630  US- 5,245,798  US- 5,328,517  FORE  Cite No. Foreign Patent Document  Country Code <sup>3</sup> -Number <sup>4</sup> -Kind code <sup>5</sup> (if known)  OTHER PRIOR ART —  Cite No. Include name of the author (in CAF	No.   Number-Kind code <sup>2</sup> (if known)   MM-DD-YYYY	No.   Number-Kind code² (if known)   MM-DD-YYYY   Applicant of Cited Document	Number-Kind code <sup>2</sup> (if known)   MM-DD-YYYY   Applicant of Cited Document   Figures Appear

DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in

<sup>&</sup>lt;sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at <u>www.uspto.gov</u> or MPEP 901.04. <sup>3</sup> Enter office that issued the document, by the two-letter code (WIPO Standard ST. 3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

Substitute f	or Form PTO	1449				
			CLOSURE PPLICANT	Complete if Known		
				Application No.	10/811,788	
luca	(use as many sheets as necessary)	Filing Date	March 29, 2004			
(036		nocossary)	First Named Inventor	Michael E. Rivir		
				Art Unit		
	·			Examiner Name		
Sheet	11	of	11	Attorney Docket No.	4499 (C2)	

	U.S	S. PATENT DOCU	MENTS					
Cite No.	DOCUMENT NUMBER  Number-Kind code <sup>2</sup> (if known)	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Who Relevant Passages or Relev Figures Appear				
1		10-1994	Sneed et al.					
		04-08-1997	Abbot					
1	US- 5,782,253	07-1998	Cates et al.					
	US-							
	US-							
	US-							
	US-							
	US-							
-	FORE	IGN PATENT DO	CUMENTS					
Cite No.	Foreign Patent Document		Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear				
	Country Code <sup>3</sup> -Number <sup>4</sup> -Kind code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY						
•	OTHER PRIOR ART -	NON PATENT LI	TERATURE DOCUMEN	TS				
Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or							
	Cite No.	DOCUMENT NUMBER	DOCUMENT NUMBER	No. Number-Kind code² (if known)  Number-Kind code² (if known)  US- 5,354,384  10-1994  Sneed et al.  US- 5,618,177  04-08-1997  Abbot  US- 5,782,253  07-1998  Cates et al.  US- US- US- US- US- VS- VS- VS- VS- VS- VS- VS- VS- VS- V	Cite No. Number-Kind code <sup>2</sup> (if known) MM-DD-YYYY Applicant of Cited Document Passages or Relevant Passages or Re			

CinLibrary/1406311.1

EXAMINER SIGNATURE \_\_\_\_\_ DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>&</sup>lt;sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at <u>www.uspto.gov</u> or MPEP 901.04. <sup>3</sup> Enter office that issued the document, by the two-letter code (WIPO Standard ST. 3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.